

FORM PTO 1449  
(REV 2-32)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

File No. 97-75C1

Serial No.  
10/011,859

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

MAR 14 2002 (Use several sheets if necessary)

Applicant(s):

Paul O. Sheppard, Stephen R. Jasper  
Zeren Gao

Filing Date:

November 5, 2001

Group:

TECH CENTER 1600/2900

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JS</i>	A1	99/21998	5/6/99	PCT		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)

<i>JS</i>	A2		LIFESEQ™ Clone Information Results (INC555067), Incyte Pharmaceuticals, Inc., 1995.
	A3		LIFESEQ™ Clone Information Results (INC2509339), Incyte Pharmaceuticals, Inc., 1997.
	A4		LIFESEQ™ Clone Information Results (INC3208053), Incyte Pharmaceuticals, Inc., 1997.
	A5		LIFESEQ™ Clone Information Results (INC3941821), Incyte Pharmaceuticals, Inc., 1997.
	A6		LIFESEQ™ Clone Information Results (INC3036490), Incyte Pharmaceuticals, Inc., 1998.
	A7		Strausberg, Cancer Genome Anatomy Project, Genbank Acc. No. AA592984, 1997.
	A8		Strausberg, Cancer Genome Anatomy Project, Genbank Acc. No. AA897322, 1997.
	A9		Marra et al., WashU-HHMI Mouse EST Project, Genbank Acc. No. AA200958, 1996.
	A10		Marra et al., WashU-HHMI Mouse EST Project, Genbank Acc. No. AA764003, 1996.
	A11		Marra et al., WashU-HHMI Mouse EST Project, Genbank Acc. No. AA840452, 1996.
	A12		LIFESEQ™ Library Information Results (BRAIUNT01), Incyte Pharmaceuticals, Inc., date unknown.
<i>✓</i>	A13		LIFESEQ™ Library Information Results (SCORNOT04), Incyte Pharmaceuticals, Inc., date unknown.

Examiner

Date considered

*J. Specto**1/5/05*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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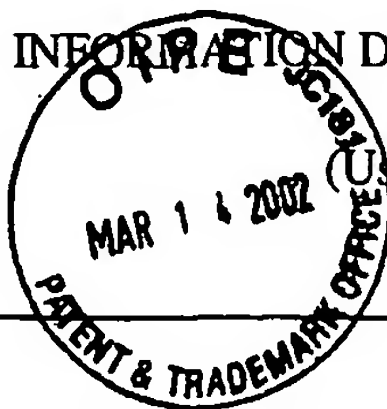
INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicant(s):  
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)

J ↓ V	A14	LIFESEQ™ Library Information Results (PENCNOT03), Incyte Pharmaceuticals, Inc., date unknown.
	A15	LIFESEQ™ Library Information Results (SCORNOT01), Incyte Pharmaceuticals, Inc., date unknown.
	A16	LIFESEQ™ Library Information Results (CONUTUT01), Incyte Pharmaceuticals, Inc., date unknown.
	A17	Tubby, Acc. No. Z99289, 1997.
	A18	Hurvitz et al., <u>Nature Genetics</u> 23: 94-98, 1999.
	A19	Pennica et al., <u>Proc. Natl. Acad. Sci. U.S.A.</u> 95: 14717-14722, 1998.

Examiner

*J. Spector*

Date considered

*1/5/05*

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10/011,859SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

Applicant(s):  
Paul O. Sheppard, Stephen R. Jaspers,  
Zeren GaoFiling Date:  
November 5, 2001

Group: 1647

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	Name	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A ↓	5,194,596	3/16/93	Tischer et al.	530	399	
	5,350,836	9/27/94	Kopchick et al.	530	399	
	5,408,040	4/18/95	Grotendorst et al.	530	399	

## FOREIGN PATENT DOCUMENTS

Examiner Initial	DOCUMENT NUMBER	Date	COUNTRY	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

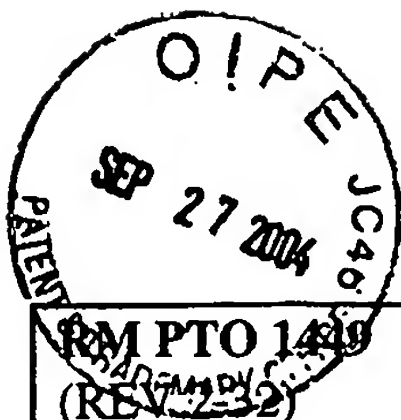
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)

A ↓		A. Gladwin et al., <i>Human Molecular Genetics</i> 6(1):123-127, 1997.
		N. Braveman et al., <i>Nature Genetics</i> 15:369-376, 1997.
		C.C. Pilbeam et al., "Comparison of the effects of various lengths of synthetic human parathyroid hormone-related peptide (hPTHrP) or malignancy on bone resorption and formation in organ culture," <i>Bone</i> 14:717720, 1993.
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		J. Massague, "The TGF- $\beta$ family of growth and differentiation factors," <i>Cell</i> 49:437-438, 1987.
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		J. Skoinick et al., "From genes to protein structure and function: novel applications of computational approaches in the genomic era," <i>Trends in Biotech</i> 18(1):34-39, 2000.
		P. Bork, "Powers and pitfalls in sequence analysis: The 70% hurdle," <i>Genome Research</i> 10:398-400, 2000.

Examiner

Date considered

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PM PTO 1489 (REV. 2-3-2)	<b>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</b>	File No. 97-75C1	Serial No. 10/011,859
		Applicant(s): Paul O. Sheppard, Stephen R. Jaspers, Zeren Gao	
		Filing Date: November 5, 2001	Group: 1647

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**  
(Use several sheets if necessary)

**U.S. PATENT DOCUMENTS**

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**FOREIGN PATENT DOCUMENTS**

Examiner Initial	DOCUMENT NUMBER	Date	COUNTRY	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)**

		T. Doerks et al., "Protein annotation: detective work for function prediction," <i>Trends in Genetics</i> 4(g):248-250, June 1998.
		T.F. Smith et al., "The challenges of genome sequence annotation or "The devil is in the details," <i>Nature Biotechnology</i> 15:1222-1223, 1997.
		S.E. Brenner, "Erros in genome annotation," <i>Trends in Genetics</i> 15(4):132-133, 1999.
		P. Bork, "Go hunting in sequence databases but watch out for the traps," <i>Trends in Genetics</i> 12(10):425-426, 1996.
		R. Strausberg, Loci AW592899 and AA592984, 1997, National Cancer Institute Cancer Genome Anatomy Project, Tumor Gene Index, Accessed 8/21/00

Examiner	Date considered 1/5/05
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